

Fish Passage Design at Road Culverts

Washington State Department of Fish & Wildlife

Schedule for: **September XX, 2001**

Presented by: **Ken Bates, P.E., WDFW**
Pat Klavas, P.E., WDFW

8:30 A.M. – 9:00 A.M.
(Ken Bates)

INTRODUCTION
What to expect
Layout
Problem

9:00 A.M. – 9:45 A.M.
(Regional Staff)

LOCAL PERSPECTIVE
Process,
Procedures
Issues

9:45 A.M. – 10:00 A.M.

BREAK

10:00 A.M. – 11:00 A.M.
(Ken Bates)

PRE-DESIGN
Hydrology

11:00 A.M. – Noon
(Pat Klavas)

CULVERTS
Ecological issues
Design options for fish passage

Noon – 1:00 P.M.

LUNCH

1:00 P.M. – 2:30 P.M.
(Pat Klavas)

CULVERTS
Design options for fish passage (continued)
Channel regrade

2:30 P.M. – 2:45 P.M.

BREAK

2:45 P.M. – 3:45 P.M.
(Regional Staff)

LOCAL SOLUTIONS
Concerns
Problems
Resolution

3:45 P.M. – 4:30 P.M.

QUESTIONS